



State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095
(603) 271-3406 FAX (603) 271-7894



May 29, 2003
Letter of Deficiency
DSP#03-039

Mr. John Tracy
J&D Realty Trust
P.O. Box 779
Raymond, NH 03077

RE: Onway Lake Dam #201.01, Raymond

Dear Mr. Tracy:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on May 8, 2003. During this visual inspection and/or file review, the following deficiencies were observed:

The existing 1997 operation and maintenance plan (O&M) needs to be updated;

2. Concrete cracking along the upstream right abutment had been repaired; and
3. During past inspections there was seepage noted migrating through the base of the dam. During the November 2, 2001, the water level was 1'9" below the spillway. No seepage was noted. During the past inspection the water level was 3-inches over the spillway and leakage was active at the right downstream toe of the dam, at the interface of the right stone abutment and the concrete dam. This leakage has been noted during past inspections when the water is flowing over the spillway.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

July 1, 2003:

1. Update the 1997 written O&M plan and submit to the DES for review. The plan should describe the control of impoundment levels, monitoring and maintenance procedures, and identify emergency contact personnel. Include in the plan monitoring the leakage at the downstream right toe of the dam; and

December 1, 2003:

2. Repair the leak at the right downstream toe of the dam, at the interface of the right stone abutment and the concrete dam. Refer to the enclosed photos.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and

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provide a brief explanation. Please call or write to our office if the repairs are completed before the aforementioned schedule. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the top of the previous page.

Sincerely,

COPY
Grace E. Levergood

Grace E. Levergood, P.E.
Dam Safety Engineer

Attachments Guideline for an O&M Plan, Copy of 1997 O&M on file, Photos-leak right downstream toe, DB13
cc: Gretchen Rule✓

Town of Raymond

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